kerakoll

DECLARATION OF PERFORMANCE N. 0724

1. Unique identification code of the product-type: **KLIMA AIR**
2. Intended use/es: **Thermal insulation for buildings**
3. Manufacturer: **Kerakoll S.p.A Via dell'Artigianato, 9 - 41049 Sassuolo (MO) Italia**
4. System/s of AVCP: **System 3**
5. Harmonised standard: **EN 13163:2012+A1:2015**
   Notified body/ies: **I.I.P. – Istituto Italiano dei Plastici S.r.l. n° 1597**
6. Declared performance/s:

Essential characteristics	Performance
Reaction to fire of the product as placed on the market	Class E
Thermal Conductivity (λ_D)	0,036 W /mK
Thermal Resistance (R_D)	See Tab.1
Tensile strength perpendicular to faces	TR100
Bending strength	BS115
Shear strength	≥ 20kPa
Shear modulus	≥ 1000 kPa
Water permeability	
- Long term water absorption by partial immersion - Long term water absorption by partial immersion	WL(P)0,5 WL(T)5
Water vapour permeability (μ)	20-30
Dimensional tolerances	
- Length - Width - Thickness - Squareness - Flatness	L(2) W(2) T(1) S(2) P(3)

KERAKOLL Spa - Società con unico socio Fin Firel Spa - Soggetta a direzione e coordinamento di Fin-Firel Spa
via dell'Artigianato, 9 - 41049 Sassuolo (MO) Italia - Tel +39 0536 816 511 - Fax +39 0536 816 581 - e-mail: info@kerakoll.com
Rea MO n. 231812 - Reg. Imp. / Cod. Fisc. / P. Iva IT 01174510360 - Cap. Soc. € 2.000.000,00 i.v.

Essential characteristics	Performance
Dimensional stability	
- Dimensional stability under specified temperature and humidity conditions (70 °C) - Dimensional stability under normal laboratory conditions	DS(70,-)1 DS(N)2
Durability of reaction to fire against ageing/degradation	Reaction to fire performance of EPS does not deteriorate with time
Durability of thermal resistance against ageing/degradation	Thermal conductivity of EPS does not change with time
Compressive strength	NPD
Release of dangerous substances	NPD
Dynamic stiffness	NPD
Compressibility	NPD
Continuous glowing combustion	NPD
Durability of compressive strength against ageing and degradation	
- Compressive creep - Freeze-thaw resistance	NPD NPD

Tab.1

Thermal Resistance (R_D)	
Nominal thickness (mm)	**R_D (m^2K/W)**
30	0,80
40	1,10
50	1,35
60	1,65

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Tab.1

Thermal Resistance (R_D)	
Nominal thickness (mm)	**R_D (m^2K/W)**
80	2,20
100	2,75
120	3,30
140	3,85
150	4,15
160	4,40
180	5,00
200	5,55

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: **Romano Sghedoni** (*Legal Representative*)

At Sassuolo, on 28/10/2026

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